

DOCUMENT 00910

ADDENDUM NUMBER 1

DATE: July 2, 2026

PROJECT: Wastewater Treatment Plant Influent Screens

PROJECT NUMBER: R073625001

OWNER: Utilities Authority of the Poarch Band of Creek Indians

ENGINEER: Three Notch Group, Inc.
1962 West Main Street
Dothan, Alabama 36301

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated June 11, 2026.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of twenty-five (25) pages.

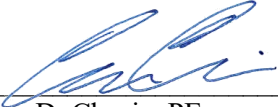
ITEMS DISCUSSED AT PRE-BID CONFERENCE:

1. Requests for information (RFI) are due by close of business on Wednesday, July 8th.
2. A copy of the attendance at the pre-bid meeting is attached to this addendum.
3. This project does not have any Build America Buy America (BABA) or American Iron and Steel (AIS) requirements.
4. Does state or tribal code dictate project award?
 - a. *Response – Tribal code will dictate award.*
5. Can you provide a copy of the purchase order (PO) for the equipment?
 5. *Response – A copy of the equipment PO is attached this addendum.*
6. Is the project Tax Exempt?
 - a. *Response – The project is tax-exempt per PCIUA.*
7. Will contractors need to replace one screen at a time so the facility stays operational?
 - a. *Response – The plant must remain operational at all times; therefore, the screens are expected to be replaced one at a time.*
8. Weren't isolation valves just replaced? Which isolation valve is it that "sticks"?
 - a. *Response – Both screen isolation valves exhibit wear and operational stiffness, indicating that either one could stick during use.*

9. Does contractor need to hire security guard for front gate?
 - a. *Response – The contractor does not need to hire a security guard for the front gate. The contractor is responsible for coordination of crew arrival/departures site and maintaining access agreement with PCIUA.*
10. What is typical working schedule of plant?
 - a. *Response – Typical operating hours are Monday through Friday from 7:00 am to 5:00 pm. PCIUA is willing to modify standard operating hours for contractor site access, if needed. Any modifications to standard operating hours are required to be coordinated and approved by the PCUIA.*
11. Why are alternates listed outside of base bid scope?
 - a. *Response – Alternates are listed separately from the base scope so they may be included if funding is available.*
12. What's the engineer's cost estimate for the project?
 - a. *Response – The project OPC is between \$850,000 and \$1,050,000.*
13. Who is responsible for geotechnical testing?
 - a. *Response – The Contractor is responsible for testing. Geotechnical testing is included as a cash allowance under Bid Item 6. Three Notch group can provide these testing services, if desired. Please contact Brooks Bennett (brooks.bennett@3notch.com) for any testing service needs.*
14. Who is handling inspection of construction?
 - a. *Response – Three Notch Group will perform milestone inspection services during construction.*
15. What if there is not enough room on existing vertical piping for new flow meter to meet manufacturer's installation requirements?
 - a. *Response – If the existing vertical run is too short, additional piping can be installed to provide the required straight-run length as long as the added pipe can be accommodated within the system.*
16. A new circuit is required from the MCC to the new 2nd panel – is there space in existing duct banks or will it need to be all new conduit?
 - a. *Response – Utilize existing duct bank per electrical engineer.*
17. Are equipment cut sheets available?
 - a. *Response – A copy of the equipment cut sheets are attached this addendum.*
18. Where is the laydown yard?
 - a. *Response – Space is available at the existing plant site for equipment and materials storage. The Contractor will need to coordinate placement with PCIUA to ensure that location does not impede daily operations.*
19. Who is responsible for disposal of equipment removed as part of the project?
 - a. *Response – All removed equipment will be returned to PCIUA.*

20. Are you able to share the CAD files for the PCIUA WWTP Influent Screen project?
- a. *Response – Three Notch can share CAD files once the project is awarded and a release form is signed.*
21. Will the bypass line for the flow meter need to stay in operation for the flow meter replacement?
- a. *Response – Yes, the bypass line should remain in service so the plant can stay online during the flow-meter replacement.*
22. Who does the bond need to be issued for?
- a. *Response – Bonds should be issued to the Tribal Court.*
23. Is insulation or heat tracing required for any of the piping?
- a. *Response – Insulation or heat tracing is not required for any of the piping.*
24. Why is CPVC called out for waterline?
- a. *Response – CPVC was specified to provide a corrosion-resistant, non-metallic material suitable for the potable-water line.*

ISSUED THIS 2nd DAY OF JULY 2026.



Carmen D. Chosie, PE
Team Leader

END OF DOCUMENT

WWTP Influent Screens
Mandatory Pre-Bid Meeting
Poarch Creek Indians Utilities Authority
 Location: Utility Office
 263 Aplin Road
 Atmore, Alabama 36502,
 Wednesday July 1, 2026 @ 10:00 AM

Name	Company	Phone	E-mail
Carmen Chosie	Three Notch	334-677-9431	Carmen.Chosie@3notch.com
Frances Fabbriini	Three Notch	334-714-9942	Frances.Fabbriini@3notch.com
RUTH SMITH	Moody Electric	251-379-7417	rsmith@moodyelectric.NET
MIKE PAPILLI	J + P	205-361-7102	
Drew Matthews	GCU	951-553-8537	DDavis@gogcu.com
Chad Crocker	Mark Johnson Construction	205-752-1978	julia@mjohansonconstruction.com
BRIT SMITH	TRIPTER LLC	251-253-5640	bsmith@tripterllc.com
MILES SMITH	TRIPTER LLC	251-583-81170	miles@tripterllc.com
Luke Yovich	SECT	334-540-1914	Luke@Schmidtecti.com
Will Trawick	Causey Underground Construction	334-207-5292	wtrawick@cuc-llc.com
Shayne Hearn	KTS Electric LLC	334-300-8782	ktskctricllc@gmail.com
Glenn Wilson	Causey Underground Const	251-747-1103	g.wilson@cuc-llc.com
Rebecca Black	PCI-UTA	251-446-1617	rblack@pci-nsn.gov
James Farmer	"	"	jfarmer@pci-nsn.gov
Shawn Livormore	"	251-253-8491	slivormore@pci-nsn.gov
Kris Castellanos	Morrow Water Tech	251-222-9417	kcastellanos@morrowwater.com
Larry Bailey	PCIUA	(251) 359-2415	lbailey@pci-nsn.gov
Trenton McGhee	PCIUA	251-359-1206	ttmcghee@pci-nsn.gov
Ben McDowell	Hemphill Construction	601-720-5143	bmcdonnell@hemphillconstruction.com
Dee Hughes	Hughes Underground	850-390-3374	hugheslandservices@gmail.com
Maric Hughes	Hughes Underground	850-390-3374	hugheslandservices@gmail.com



Manufacture.Quality.Solutions.

Kusters Water Division



Scope of Supply

June 25, 2025

Prepared by:

Mr. Eric McGee

Project:

Atmore, AL (Poarch Utilities)

Engineer:

NA

Kusters Water is pleased to provide a Budget Proposal for equipment as requested.

Item A

Internally Fed Drum Screen

ProTechtor® Model RDS-135 Perforated Rotary Drum Screens

Quantity: 2



General Design Description

Influent to the drum is controlled by means of various inlet pipe designs, based on the type of material processed and flow rate required, which distribute the influent over a large area of the drum to ensure efficient use of the drum open area. As the drum rotates, screened fluid passes thru the perforations and drops into the water collection trough underneath the drum and is then discharged. Solids are retained within the drum and are dewatered as they are moved to the elevated end of the drum by the internal flights. The screenings are then discharged into a dumpster, conveyor, or compactor. The perforated drum is continuously cleaned by means of a friction driven brush. An external spray bar is also supplied to allow intermittent spray cleaning if required.

Design Criteria (Each)

Maximum Pumped Flow:	1,250 GPM
Application:	Municipal 200mg/l
Drum Perforation Size:	4 mm
Drum Diameter:	40 in.
Drum Length:	77 in.
Inlet Size:	12 in.
Outlet Size:	20 in.
Connection Type:	plain ended pipe
Material of Construction:	316L Stainless Steel
Rotating Drum Cleaner Brush:	Nylon with Stainless Steel Hardware
Odor Control Connection:	6 in. Flanged
Wash Water Flow Rate:	15 - 20 gpm @ 50 - 60 psig
Ball Valve Material:	316 Stainless Steel
Solenoid Valve Material:	316 Stainless Steel
Strainer Material:	316 Stainless Steel
Motor Horsepower:	1 HP

Operational Environment:	Class 1, Div. 2
Operational Voltage:	460V/3ph/60Hz
Fasteners Material:	316 Stainless Steel
Anchor Bolts Material:	316 Stainless Steel

Included Options

Internal Spray Bar

- Wash Water Flow Rate:	10 - 15 gpm @ 40 - 50 psig
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Screenings Washer/Compactor

ProTechtor® Model SWP 200 X 700 Screenings Washing Presses

Quantity: 2



General Design Description

Wet screenings shall enter the screenings washer inlet hopper through an enclosed connecting chute. The solids shall be washed and agitated to liquefy fecal matter and to facilitate its return to the influent channel. The connecting chute shall provide a completely closed system to protect operating personnel from exposure to wastes.

Wet screenings with a minimum dry solids content of 5-10 percent shall enter the washer/compactor through the inlet hopper. Excess liquid shall exit through the perforated drainage holes in the bottom of the trough. Drainage of free flowing liquid shall be provided through the integral overflow outlet located beneath the trough. The rolling action provided by the Archimedean screw and the wash water system shall provide additional cleaning of the screenings before the compaction stage and an integral brush attached to the screw shall continuously clean the trough perforations. The screw shall transport all collected, washed and compacted screenings into the discharge pipe for conveyance to the drop off point.

Design Criteria (Each)

Peak Throughput Volume:	70.0 ft ³ /hr
Fecal Matter Reduction:	> 95%
Weight Reduction:	60 - 70%
Volume Reduction:	60 - 70%
Dryness After Compaction:	40 - 50%
Screw Diameter:	200 mm
Screw Material:	Hardox 400, 400 BHN
Anti-Rotation/Wear Bar Material:	Alloy steel, 340 BHN
Inlet Hopper Material:	14 ga., 316L Stainless Steel

Housing Material:	316L Stainless Steel
Discharge Pipe:	8 in. expanding to 12 in.
Discharge Pipe Material:	11 ga., 316L Stainless Steel
Trough Perforation Size:	5 mm
Drain Connection Size:	6 in. plain ended pipe
Drain Location:	Bottom
Screenings Discharge Height:	5 ft.
Wash Water Valve Size:	1 in. NPT
Wash Water Flow Rate:	10 - 20 gpm @ 40 psig
Ball Valve Material:	316 Stainless Steel Body, SS Ball
Solenoid Valve Material:	316 Stainless Steel
Strainer Material:	316 Stainless Steel Body, SS Screen
Motor Horsepower:	2 HP
Operational Environment:	Class 1, Div. 2
Operational Voltage:	460V/3ph/60Hz
Fasteners Material:	316 Stainless steel
Anchor Bolts Material:	316 Stainless steel

Included Options

Extended Inlet Hoppers

Controls

Wall Mount Enclosure - NEMA 4X, 316 Stainless Steel

Quantity: 2

Included Components

Control Transformer

Allen Bradley Micro 850 PLC

Allen-Bradley PanelView 7" Touchscreen

Danfoss VFD

All required operators and indicators mounted to enclosure front

All required relays and timers

Local Control Station(s) - NEMA 7, Cast Aluminum with all required operators

Site Service

Total Trips	2
Total Days	3

Total Price for Item A: _____

Items not listed above will be provided by others.

Pricing is budgetary and subject to change without notice.

Comments and Clarifications

Kusters Water is furnishing its standard equipment as outlined in this proposal.

Exclusions

Taxes	Any piping not proposed above
Offloading	Valves except as noted
Installation	Sandblasting or touch-up painting
Erection or testing	Field / Finish painting
Supervision of erection	Disconnect switches and junction boxes
Engineering re-design	Electrical wiring or conduit
Civil Design	Electrical connections
Buildings	Electrical installation and wiring
Dumpsters	Controls except as noted
Concrete, grout, or sealants	Special shipping procedures
Thru-wall fittings	Storage at our shop or jobsite
Hand railings except as noted	Oil and grease
Stairways and Ladders	Spare parts except as noted
Interconnecting walkways	Tank surveying
Lights or light posts	Field verification of elevations
Field verification of dimensions	

Absence of an exclusion herein will not be construed as meaning that the item is included, and Kusters Water will not issue credits, or accept deducts, for the provision of the items noted above.

Payment Terms, NET 30 days, invoiced as follows:

Submittal approval	20%
Delivery to site	75%
Completion of start-up and training or 120 days from delivery, whichever occurs first	5%
Note: 1-1/2% interest charges per month for late amounts due	

Schedule (Estimated)

Submittals, from acceptance of order	10 - 12 weeks
Delivery, from receipt of signed approvals	16 - 18 weeks

Warranty

36 months from date of shipment, for all *ProTechtor®* products

Purchase Orders

All purchase orders are to be issued, and mailed to:

Zima Corporation,
Kusters Water Division
P.O. 6128
Spartanburg, SC 29304

Please provide a copy of your tax exempt or direct pay certificate, project contact, and a copy of the project payment bond with your purchase order.

Damages

Zima Corporation will not consider the addition of liquidated consequential or incidental damages to our contract unless it has been specifically identified and negotiated prior to the bid. Zima Corporation's equipment supply contract will not be tied to the General Contractor's overall contract, and our delivery commitments shall be as stated in this proposal.

Bonding

Bonding or bonding expenses are not included in this proposal and will not be considered unless specifically identified and authorized by Zima Corporation prior to the bid.

Insurance

Pricing includes general liability policy with 1 million per occurrence, 1 million aggregate, and 4 million umbrella. If higher limit(s) is required, all costs will be paid by the Buyer in addition to the quoted equipment price.

Freight

All prices are quoted F.O.B. shipping point, with freight allowed to the Jobsite. Buyer will be responsible for equipment off-loading. All claims for damage or loss in shipment shall be initiated by the Buyer. Buyer requests for selective shipments, early shipments, or separate shipment may directly affect the freight allowance. Any additional costs incurred due to this request by the Buyer will be an additional cost to the purchase price and invoiced accordingly.

**ZIMA CORPORATION (ZC)
CONDITIONS OF SALE**

1. CONTRACT

All terms and conditions of this CONTRACT are fully set forth herein and no agent, employee, representative or other party is authorized to bind the Seller by any agreement or warranty not expressed herein. If any terms and conditions of subsequent orders are in addition to or inconsistent with the terms and conditions herein expressed, such terms will not be binding upon the Seller unless they are expressly accepted in writing by the Seller.

2. QUOTATIONS

- (a) Prices indicated on our quotations are valid 30 days, unless indicated otherwise. All Federal, State and local taxes, including any tariffs, are the responsibility of the Buyer.
- (b) Our quotations are not legally binding until we have received and executed a Purchase Order and issued a written ZC Order Confirmation.
- (c) Surety bonds, or bonding expenses, are not included by ZC and will not be considered unless specifically identified and authorized by KZC. If bonding is required, all costs will be paid by the Buyer in addition to the quoted equipment price.
- (d) Pricing includes general liability policy with \$1 million per occurrence, \$ 2 million aggregate, and \$ 4 million umbrella. If higher limit(s) is required, all costs will be paid by the Buyer in addition to the quoted equipment price.

3. DELIVERY

- (a) Delivery periods and dates quoted are approximate, unless otherwise stated in the Purchase Order and ZC Order Confirmation.
- (b) Shipping Terms: All equipment will be shipped at the risk of the Buyer FOB shipping point or Ex Works, as indicated in the ZC Proposal. Incidental costs for unloading, delivery, and installation of equipment in the Buyer's plant shall be paid by the Buyer. Seller is not responsible for any loss after shipment, including delays of carrier, damage to equipment in transit, or otherwise, regardless of delivery terms, so long as the carrier has received for the goods in good order.
- (c) Storage, delay charges and similar costs incurred because Buyer does not immediately accept delivery are Buyer's responsibility.
- (d) Seller may postpone delivery (1) in case Buyer fails to pay as agreed; (2) if Buyer fails to provide necessary technical information; (3) if Buyer fails to abide by the terms of our Order Confirmation; (4) on account of delay in receipt of necessary materials, parts or equipment; or (5) in case of force majeure, including strikes, lockouts, fire, adverse weather, state of war, etc.

4. SECURITY

- (a) Seller reserves a purchase money security interest and vendor's lien on all goods until the purchase price is paid in full, and Buyer may not sell, pledge or mortgage the goods until payment has been made in full. Buyer authorizes Seller to record a copy or signed original of this Contract as a financing statement pursuant to SC Code 36-9-402, and Buyer agrees to sign any other document reasonably requested by Seller to perfect or to continue perfection of the security interest granted herein.
- (b) Credit approval - shipment, delivery, and performance of work shall always be subject to the approval of the Seller's Credit Department. If the Buyer should fail to pay according to terms; or if in the opinion of the Seller, the financial condition of the Buyer at any time should become impaired, the Seller reserves the right, without prejudice to any claims for damage or otherwise, to withhold shipment or suspend performance of its obligations hereunder, until receipt of payment upon terms and conditions satisfactory with Seller.

5. DAMAGES

Zima Corporation will not consider the addition of incidental, consequential or liquidated damages to our contract unless it has been specifically identified and negotiated prior to the bid.

6. EXTENT OF SELLER'S WARRANTY

- (a) Subject to Subparagraphs (b) and (d), below, all equipment shall be covered by ZC's standard warranty as identified in the ZC proposal and written order confirmation. Our obligation under this warranty is strictly limited to repair or replacement, without charge F.O.B. our works, of any defective parts. WE MAKE NO WARRANTY WHATSOEVER FOR equipment or materials supplied that are not of our manufacture, which shall carry only the supplier's warranty. Replacement parts supplied under this provision will be credited only upon receipt F.O.B. our works of the defective parts.
- (b) Improper use, installation, modification or alteration of the equipment by the Buyer will void the above warranty.
- (c) WE WILL NOT BE RESPONSIBLE FOR INDIRECT OR RESULTING DAMAGES SUCH AS PRODUCTION LOSSES, LOSS OF PROFITS, TRADING LOSSES, LOSS OF GOOD WILL OR REPUTATION SUFFERED BY THE BUYER, THIRD PARTIES, NOR FOR PUNITIVE DAMAGES.
- (d) ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED.

7. PAYMENT

- (a) Payment terms are set forth in the Quotation/Order Confirmation and are not contingent upon testing or performance of equipment. Each shipment will be invoiced as shipped and each invoice settled per terms specified. All payments shall be made in United States funds, free of expense to the Seller for collection charges. If in the opinion of the Seller, shipments are delayed unreasonably by the Buyer, the Seller shall have the right to render an invoice for equipment ready for shipment.
- (b) All payments not received on the due date shall bear interest at 1.5% per month; in the event of suit for collection against the Buyer, Seller shall be entitled to recover attorney's fees, court costs and other expenses.

8. CANCELLATION

No purchase order may be canceled after acceptance of our Order Confirmation except in the discretion of the Seller, in which case the Buyer shall be required to pay for all costs and expenses incurred by the Seller in the performance of the work through the date of cancellation, plus a fee of no less than fifteen percent (15%).

9. ERECTION

- (a) Unless specifically included in our Order Confirmation charges for erectors and erection supervisors are not part of the equipment price.
- (b) At the Buyer's request, we will assist the Buyer in arranging for an erection supervisor at our normal rates.

10. NO ALTERATION OF SAFETY DEVICES

Buyer understands and agrees that no safety devices or equipment, or safety labels or warnings are to be altered or removed from the equipment without first obtaining our written permission to do so. Should any such devices, equipment, labels or warnings be altered or removed, Buyer shall be solely responsible for any injuries, damage or loss resulting therefrom, and agrees to indemnify and save Seller harmless of and from all claims, demands, suits, and or losses, including attorney's fees, resulting from such removal or alteration.

11. LAW

This contract is governed by the substantive laws of the State of South Carolina, excluding, however, its principles governing the conflicts of laws.

12. DISPUTES

All disputes will be settled exclusively by arbitration at Spartanburg, South Carolina in accordance with the Commercial Arbitration rules of the American Arbitration Association and the Federal Arbitration Act; the parties expressly agree that the South Carolina Arbitration Act and notice provisions thereof shall not apply to this Contract.

13. RESPONSIBILITIES OF THE BUYER

The Buyer is to furnish and install the following in addition to any items previously mentioned herein: (1) Buyer is to provide suitable foundations or building floor strength to maintain machinery in level position (2) all necessary labor for erection of the equipment (erection supervision will be supplied at Customer expense) (3) permits, pollution controls, and other approvals such as may be required by insurance or Governmental Agencies (4) necessary guards for the exposed moving parts of the machine in accordance with the laws of the state in which the machine is to be located (5) the necessary piping, including material and labor for gas, air, hydraulic, water and steam feed and drain lines (6) exhaust ductwork with suitable dampers from exhaust outlets to out-of-doors (7) all electric power wiring including material and labor from and to the starters, motors, and control elements, plus disconnect switches as required (8) all starters and controls not specifically included (9) provisions for dyestuff and chemical preparation including tanks, piping, pumps, instrumentation, structural platforms, hoist or elevator, etc. (10) all necessary utilities such as forklift trucks, welding equipment, elevators, and cranes where necessary for the installation of the equipment, (11) all drawings furnished by us will remain our property.

Internally Fed **DRUM SCREEN**

The highly efficient Internally Fed Drum Screen offers low water usage and low energy consumption, while maximizing screening efficiency.



Features

- Rugged stainless steel construction
- Completely enclosed
- Screenings positively conveyed to discharge point
- Ease of maintenance
- Indoor or outdoor installation
- Automatic Integral overflow with alarm and separate outlet prevents contamination of filtered effluent
- Multiple influent pipe designs for various applications
- Perforations from 0.5 to 4.0 mm. (Wedge wire on request)

Benefits

- Stronger and more efficient than wedge wire designs
- Low water usage due to a specially designed drum cleaning system
- Low energy consumption
- Low maintenance costs
- No seals or slots to allow bypassing of solids

PRINCIPLE OF OPERATION

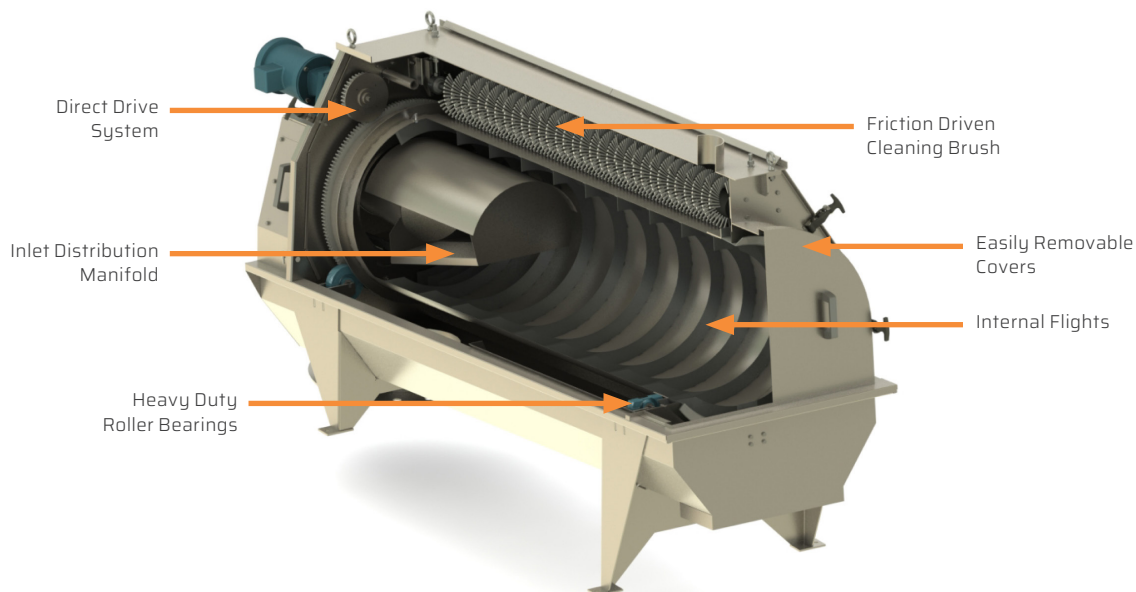
Influent to the drum is controlled by means of various inlet pipe designs, based on the type of material processed and flow rate required, which distribute the influent over a large area of the drum to ensure efficient use of the drum open area. As the drum rotates, screened fluid passes thru the perforations and drops into the water collection trough underneath the drum and is then discharged. Solids are retained within the drum and are dewatered as they are moved to the elevated end of the drum by the internal flights. The screenings are then discharged into a dumpster, conveyor, or compactor. The perforated drum is continuously cleaned by means of a friction driven brush. An external spray bar is also supplied to allow intermittent spray cleaning if required.

Applications

- Raw Sewage Screening
- Sludge Dewatering
- Pulp and Paper Mills
- MBR Protection
- Food Processing

Material

- Drum: 304 or 316 stainless steel
- Housing: 304 or 316 stainless steel
- Inlet pipe: 304 or 316 stainless steel
- Access covers: Molded ABS thermoplastic or SSTL
- Brush: Polyethylene
- Spray Bar: 304 or 316 stainless steel



BY KUSTERS WATER

For more information:

 **864.576.0660**

 **info@kusterswater.com**

 **KustersWater.com**

KUSTERS WATER DIVISION

 **jima**
Jagenberg Group

Screenings Washer **COMPACTOR**

The Kusters Water ProTechtor® Screenings Washer Compactor is known for its reliable operation and robust design. The washer compactor significantly reduces screenings volume while simultaneously removing organic content, resulting in cleaned and dried screenings. All ProTechtor® products are US Manufactured at Kusters Water's ISO 9001:2015 certified facility.



Features

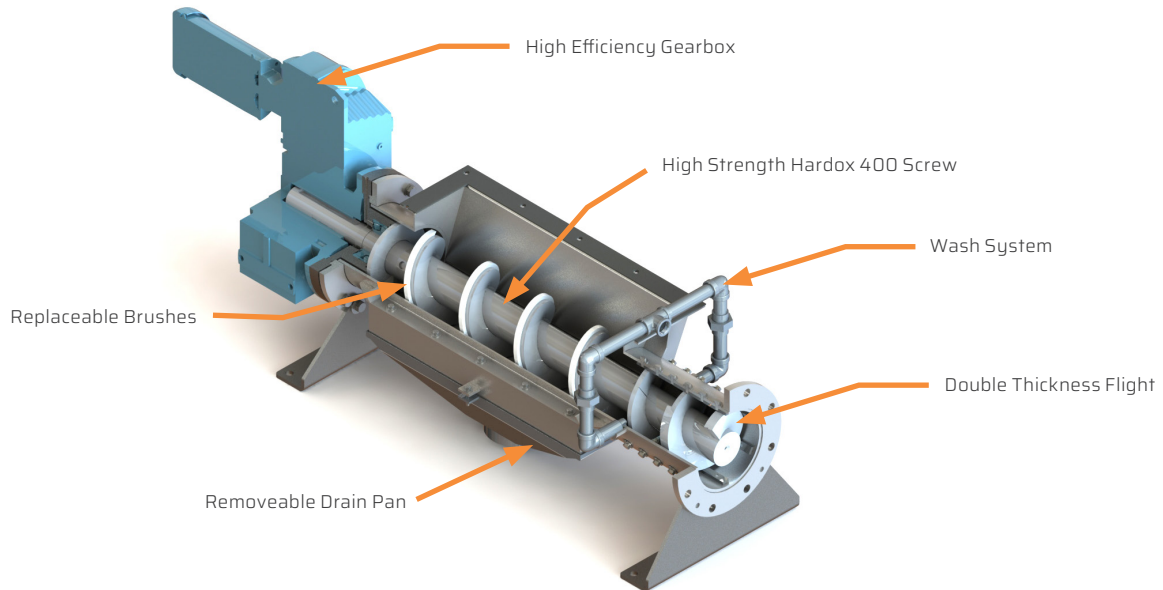
- Rugged stainless steel construction
- Indoor or outdoor installation
- Durable Hardox 400 screw for long life
- Shafted screw design for greater compaction strength
- Heavy duty spherical shaft bearing
- Integral washing system

Options

- Agitator with soaking zone
- Outlet with hydraulic backpressure device
- Outlet with adjustable backpressure device
- Bagging unit
- Plug Shredder

Benefits

- High reliability, low maintenance costs
- Reduction of waste disposal costs by minimizing volume and weight of screenings
- Easily adapted to suit existing installations



PRINCIPLE OF OPERATION

The screenings are discharged directly from a screening unit, conveyor, or flume to the compactor feed hopper. The screw then transports the screenings to the washing zone where service water is added and the organic matter is washed out. Fecal matter is loosened and washed off the screenings in the wash zone by a washboard/friction process. Hairs, fibers, etc. which could cause mechanical breakdowns and blockages in the downstream process are retained in the screenings. An optional agitator with soaking zone and modified control sequence can also be provided. The water and solubilized organics which are removed by this process are then returned to the wastewater channel via a collection pan. The screw then delivers the washed screenings to the press zone where they are dewatered, with the water also being delivered back to channel via the collection pan. The dewatered screenings are then discharged via a discharge pipe to a container, or conveyor. A shredding device or optional bagging unit are also available for installation on the end of the discharge pipe if desired.

Technical Data

- Screw diameter: 200 mm, 300 mm, 350 mm (8", 12", 14")
- Throughput: Up to 700 ft³/hr
- Fecal matter reduction: Greater than 95%
- Volume reduction: 60-70%
- Weight reduction: 60-70%
- Dry Substance: >50%



BY KUSTERS WATER

For more information:



864.576.0660



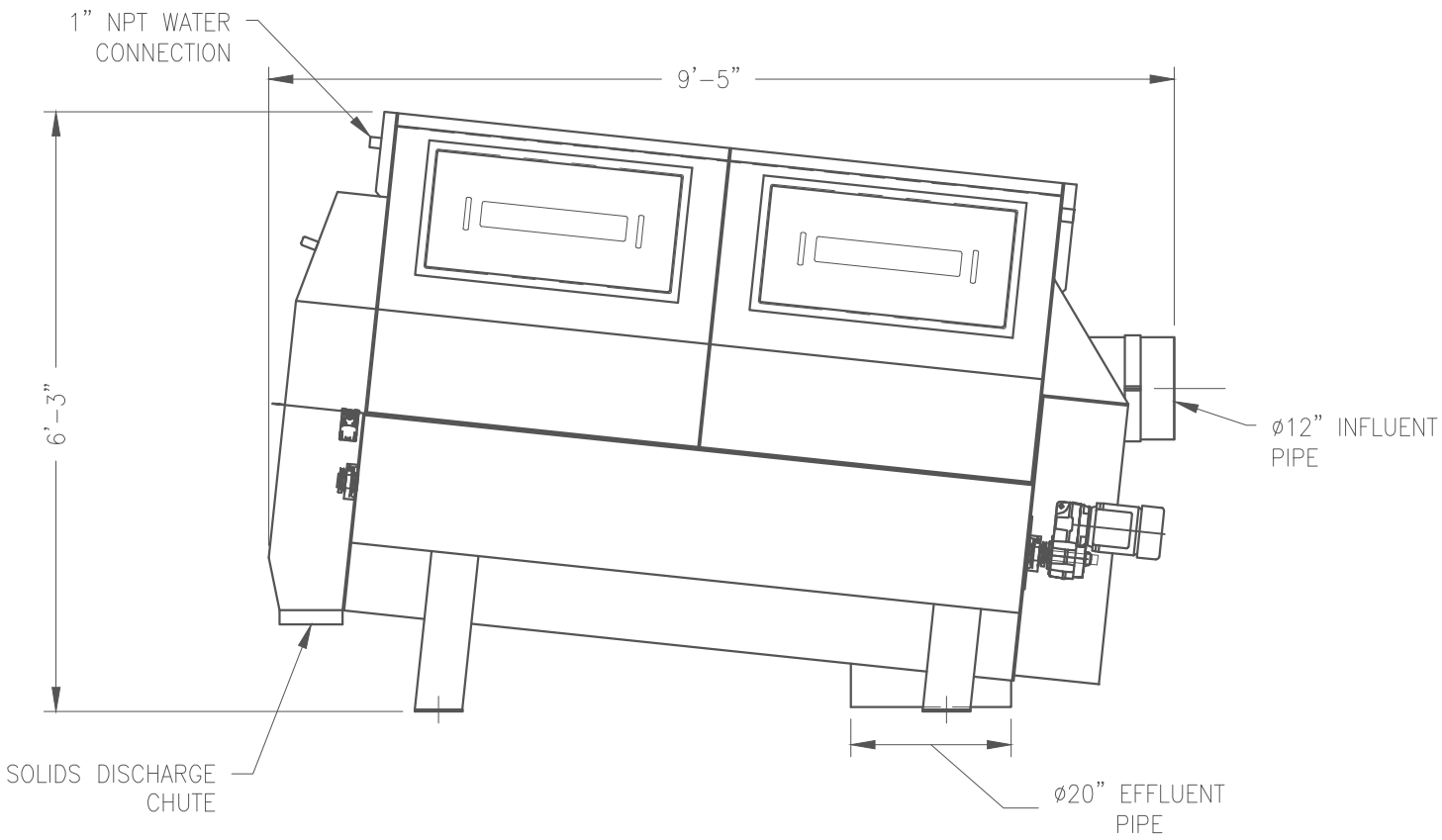
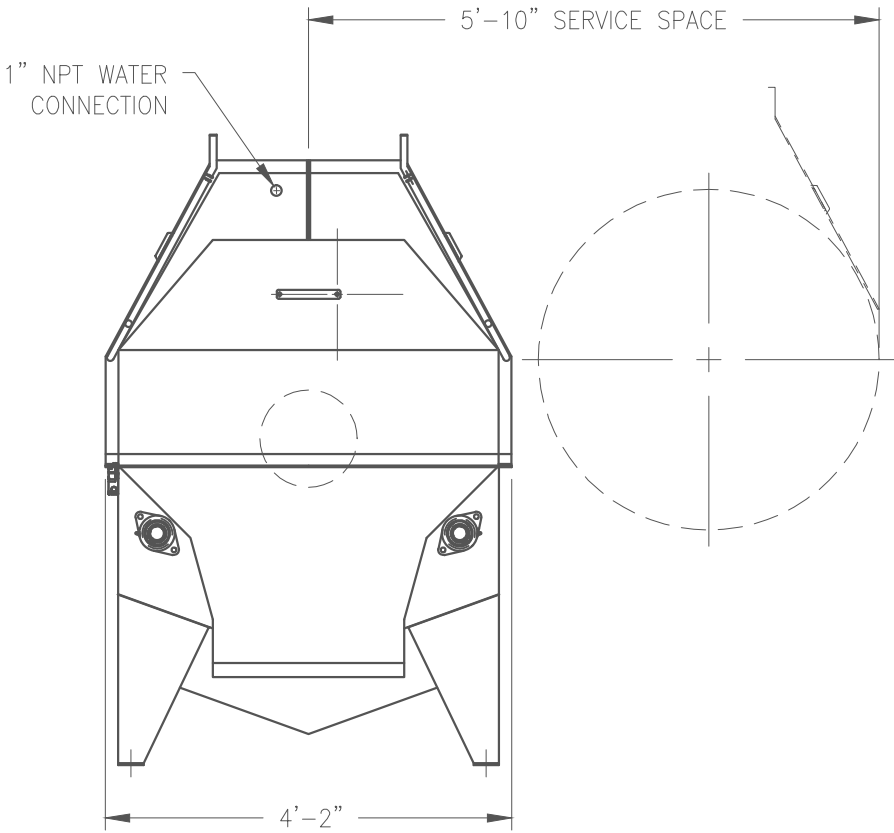
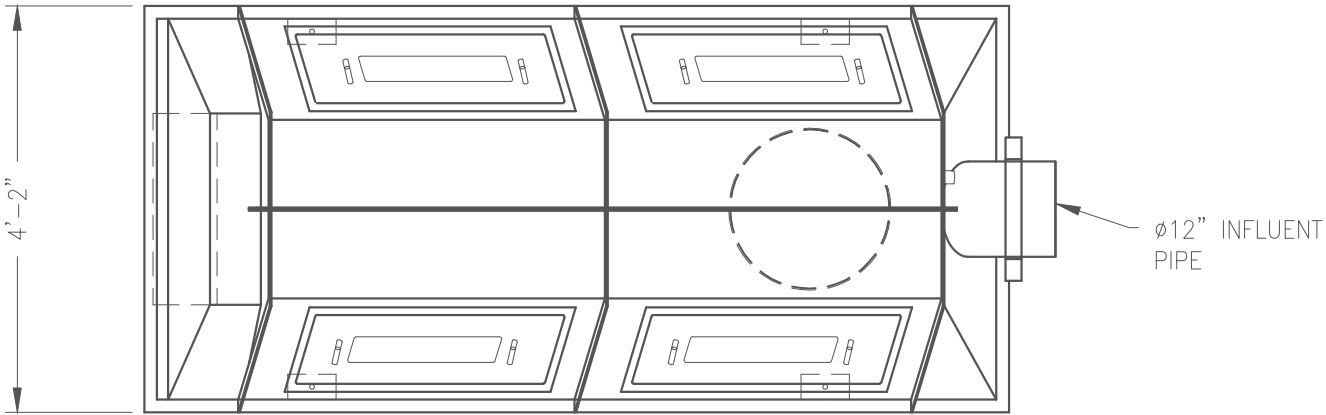
info@kusterswater.com



KustersWater.com

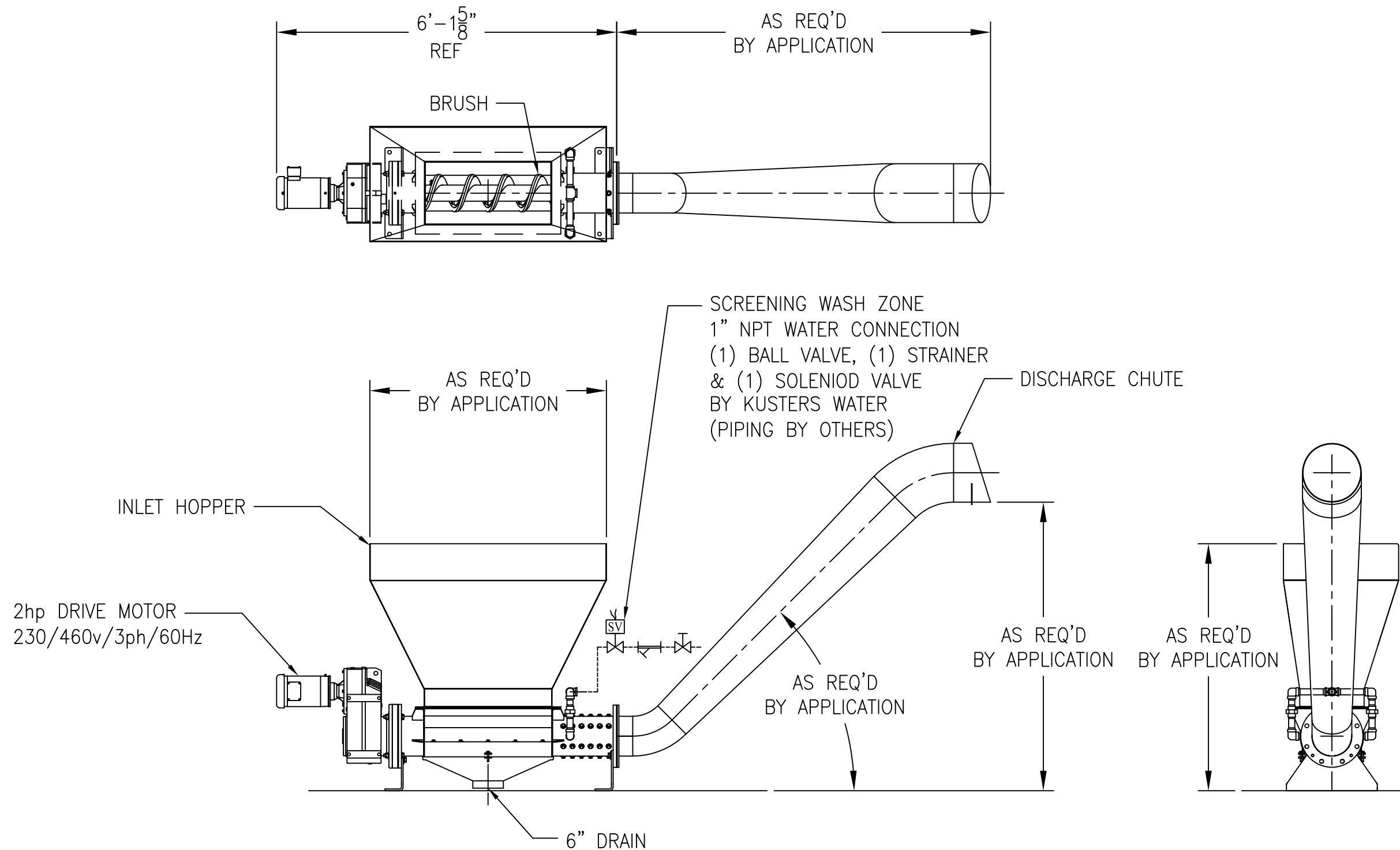
KUSTERS WATER DIVISION

j zima
Jagenberg Group



NOTES:
1. NOT FOR CONSTRUCTION USE.
2. DIMENSIONS GIVEN ARE FOR REFERENCE ONLY.
3. ACTUAL EQUIPMENT MAY VARY SLIGHTLY FROM THAT DEPICTED.
4. DIMENSIONS ARE FEET & INCHES.

POS		QTY.	DESCRIPTION				MATERIAL	CHANGE
							PROPRIETARY DOCUMENT: This document, the information which it contains, and the know-how depicted are the property of KUSTERS ZIMA Corporation and may not be used in any manner detrimental to the Corporation's interest. Reproduction in whole or in part may not be made without written permission from KUSTERS ZIMA Corporation; and if made, shall bear or refer to this notice.  KUSTERS-WATER a division of KUSTERS ZIMA	
							DRN. BY JJ 10-24-14	
							CH'D BY JW 10-27-14	
REV.	ITEM	DATE	BY	TITLE				REV.
PARENT DWG.				GENERAL ARRANGEMENT				
SHEET NO.				SCALE				
				NTS				
				S-22558				00



- NOTES:
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POS	QTY.	DESCRIPTION				MATERIAL	CHANGE
2	REVISED TITLE BLOCK	11-17-22	RJH	DRN. BY	KJF	02-04-14	TITLE
1	GEN.REV.	3/5/15	JJ	CH'D BY			GENERAL ARRANGEMENT
REV.	ITEM	DATE	BY	CH'D BY			SWP 200X700 WASHER/COMPACTOR
PARENT DWG.				SCALE		DWG.NO.	REV.
SHEET NO. PAGE 1 OF 1				NTS		S-22420	2



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Kusters Water Profile

Our History

Kusters was originally founded in Krefeld Germany in 1949. Our U.S. operations located in Spartanburg S.C. were established through a partnership between Kurt Zimmerli, founder of Zima Corporation (1969), and Eduard Kusters Maschinenfabrik (1974), forming Kusters Zima Corp. Since the recent sale of various specific operations in Germany, as of September 2019, we are now Zima Corporation. Zima Corporation is best known as a worldwide leader in manufacturing dyeing and finishing equipment for textiles and carpet as well as paper machinery produced in Germany, with a specialty in stainless steel manufacturing.

As a high-end designer and manufacturer of stainless steel equipment, and for many years prior to the acquisition of Waste-Tech in 2007, Zima Corporation was subcontract manufacturing many of the Headworks products that WasteTech sold into the wastewater market. In 2011, Zima Corporation acquired Hi-Tech Environmental, Inc. (founded in 1984 by Robert Weidler) based in Birmingham, AL and in January of 2012, officially formed the Kusters Water division of Zima Corporation, which includes the Waste-Tech and Hi-Tech products.

Our Mission Statement

The mission of Zima Corporation is to provide its customers with the very best solutions to meet their needs and requirements, cost effectively and on a timely basis.

We will ensure that our focus is to positively influence our customer's profitability, which in turn will provide basis for our own profitability. We will accomplish this with uncompromised quality and integrity in every action.

We will treat our customers, suppliers, and each other with respect and dignity. Our focus will be continuous improvement of all of our processes throughout in order to achieve ultimate customer satisfaction.

Our Experience

Kusters Water, a division of Zima Corporation, is well positioned as an industry leader, with more than 30 years' experience offering superior product technologies including our unique **Zi-Biox®** and **ProTector®** products for all types of industry including: Municipal, Petrochemical, Food and Beverage, Pulp & Paper, Mining, Agriculture, Chemical, Rendering and others.

Our Manufacturing

Our full service 100,000 sq. ft. headquarters and manufacturing facility located in Spartanburg, SC includes a comprehensive machine shop, two laser tables, CNC turning, vertical milling, bending/braking, AWS / ASME certified welders, in-house full time QA/QC inspector and complete metal fabrication including welding, cutting, forming and piping.

Complete Mechanical and Electrical Engineering with the latest Software Versions of SolidWorks and AutoCAD. Highlights include UL 508 Listed Control Panels including PLC Integration, Complete In-House Assembly and Testing of all equipment items, including clarifier and thickener drives, screens, and grit systems.

Our Team

The Kusters Water sales network consists of product oriented technical sales professionals who support a specialized group of national, and select international, sales representatives, each dedicated to providing technical support to the Engineering community and End User. Representatives are available in all 50 states and numerous countries worldwide.

Our highly trained technical and engineering support includes in house Project Managers, Licensed Professional Engineers both mechanical and electrical, as well as skilled craft machinist, precision welders and meticulous assembly personnel.

Our Quality Control

Quality Management System in accordance with ISO 9001:2015. NSF, ANAB and IAF accredited. In-house QC/QA procedures and inspectors ensure our customers receive a quality product, on time.



Check us out on YouTube

Zima Corporation
physical address
101 Zima Park Drive
Spartanburg • SC 29301 • USA

mailing address
P.O. Box 6128
Spartanburg • SC 29304 • USA
☎ +1 864 576-0660
🌐 www.zimacorp.com/water
www.kusterswater.com



dependable, cost-effective solutions for water and wastewater treatment

Headworks • Biological • Clarification • Thickening • Biosolids



Certificate of Registration

This certifies that the Quality Management System of

Zima Corporation

101 Zima Park Drive
Spartanburg, South Carolina, 29301, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 9001:2015

Scope of Certification:

The design and service provider of equipment to the wastewater industry (municipal and industrial), textile industry and local OEM markets.

A handwritten signature in black ink, appearing to read 'SV' or 'Sameer Vachani'.

Sameer Vachani
Senior Director, NSF-ISR

Certificate Number:	C0105161-IS8
Certificate Decision Date:	09-DEC-2024
Certificate Issue Date:	09-DEC-2024
Cycle Effective Date:	09-DEC-2024
Certificate Expiration Date*:	09-SEP-2027

Issued by:

NSF International Strategic Registrations (NSF-ISR)
789 N. Dixboro Road, Ann Arbor, MI 48105 USA

Authorized Certification and/or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.

*Company is audited for conformance at regular intervals. To verify certification call (888) NSF-9000 or visit our web site at www.nsf-isr.org





Certificate of Registration

ANNEX PAGE FOR CERTIFICATE NUMBER: C0105161-ISR

This Annex is only Valid in connection with the above-mentioned certificate issued by NSF-ISR

CERTIFICATE ISSUE DATE:

09-DEC-2024

CERTIFICATE EXPIRATION DATE:

09-SEP-2027

Zima Corporation

101 Zima Park Drive

Spartanburg, South Carolina, 29301,

United States

Location:

Zima Corporation- C0726843
101 Theiler Road
Spartanburg, South Carolina,
29301, United States

Scope:

This location is part of site
C0105161. Supporting
processes include:
Assembly

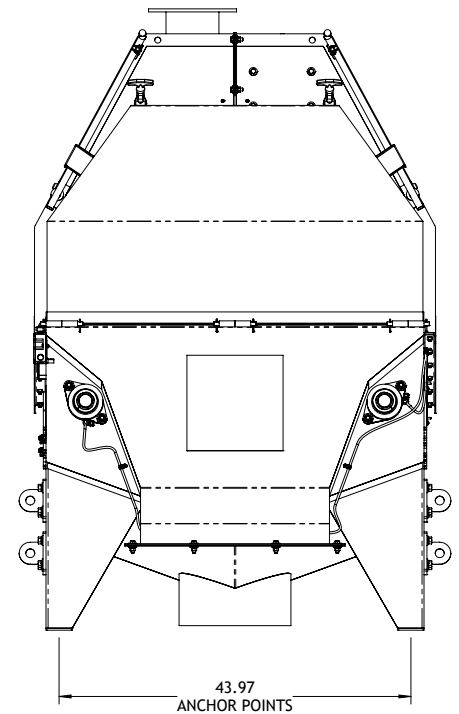
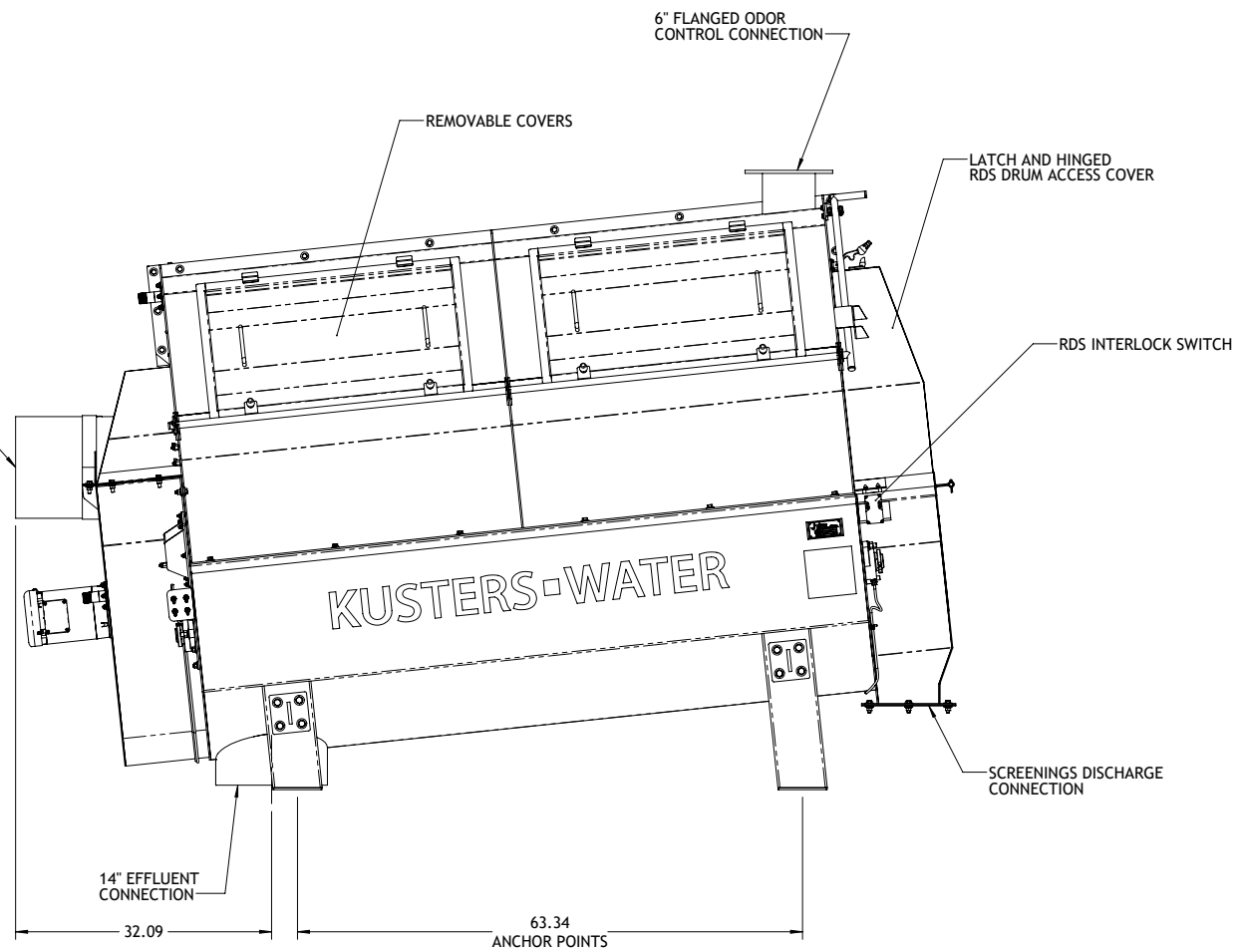
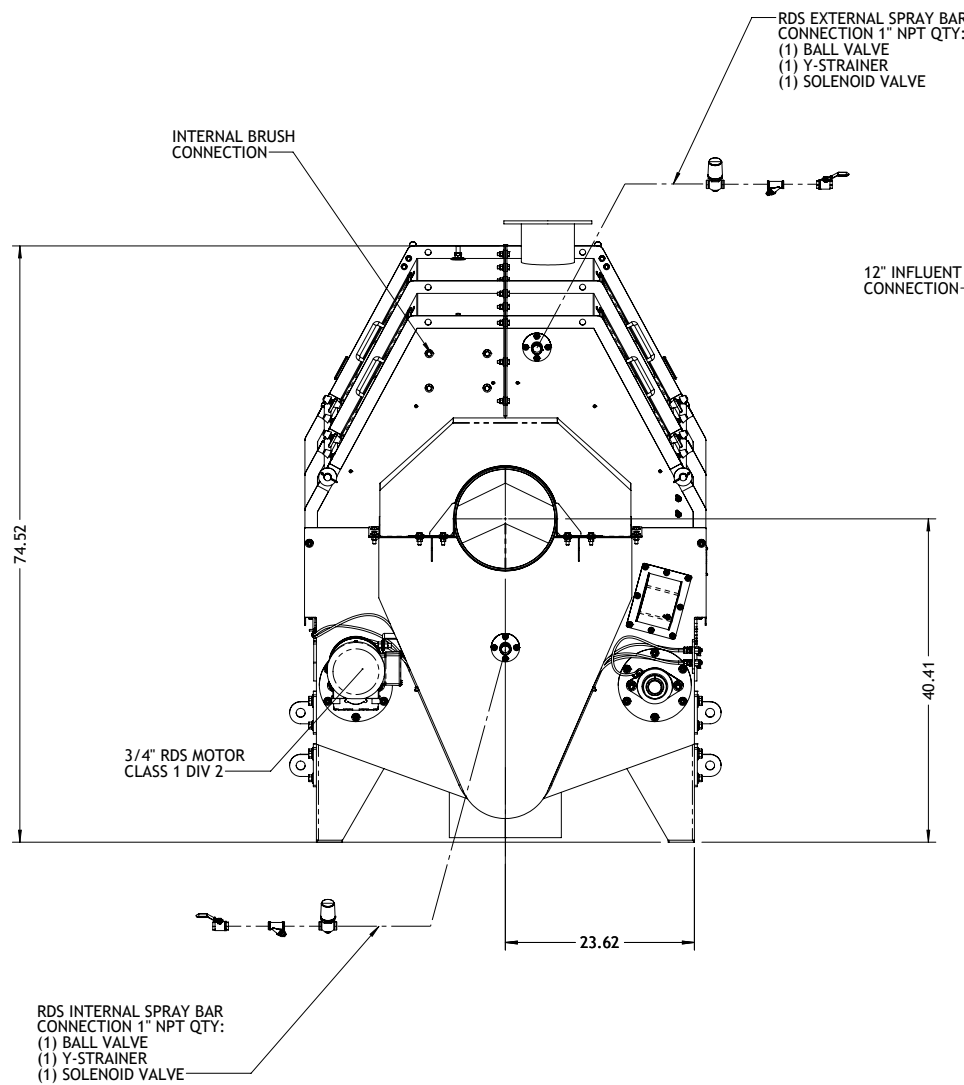
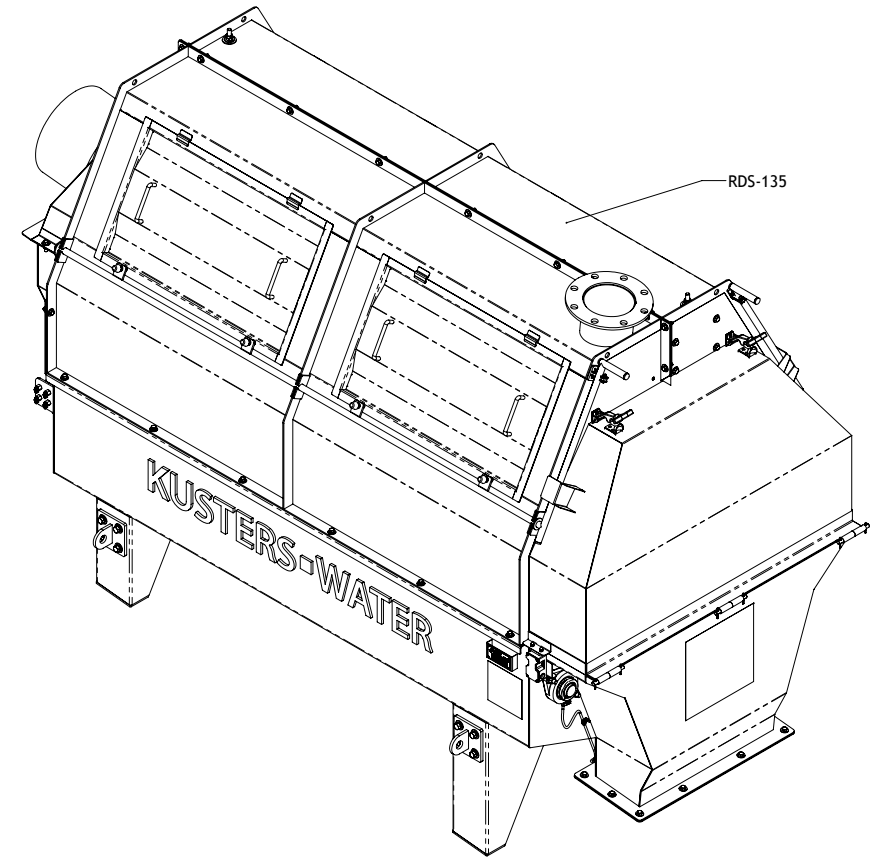
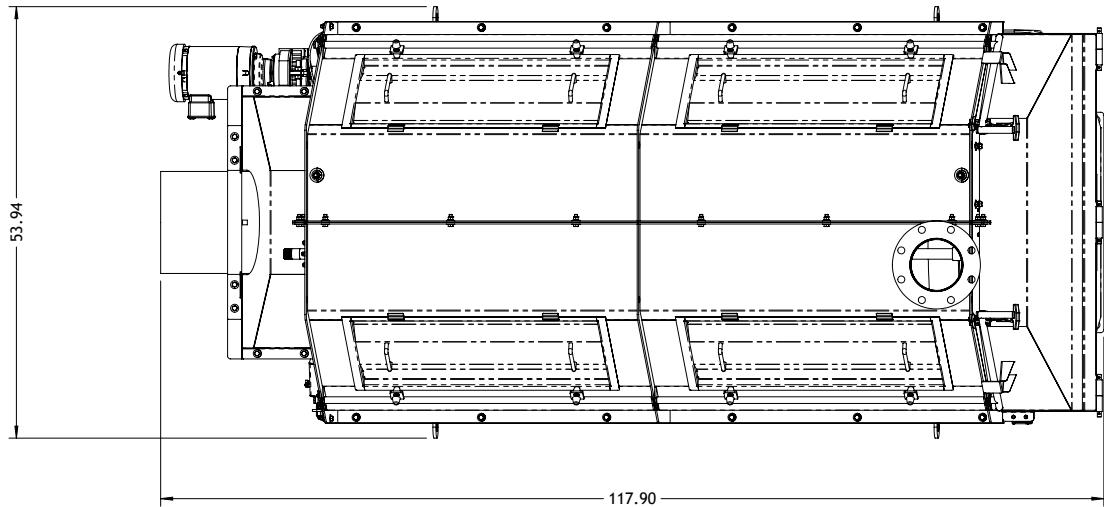
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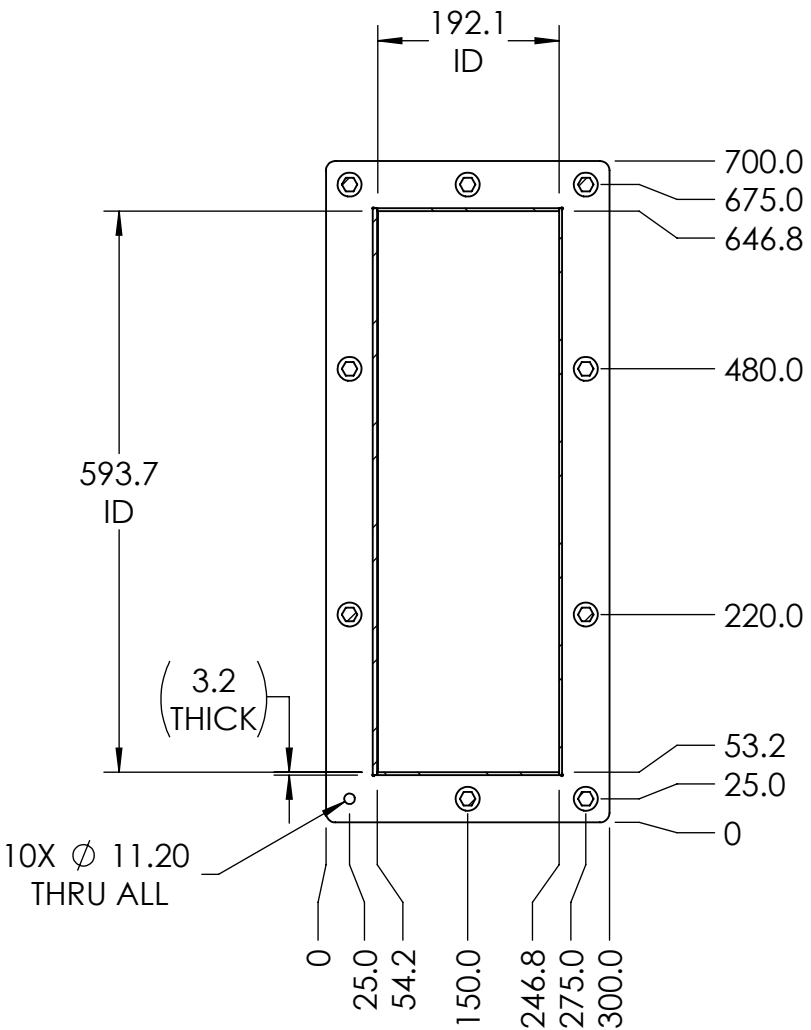
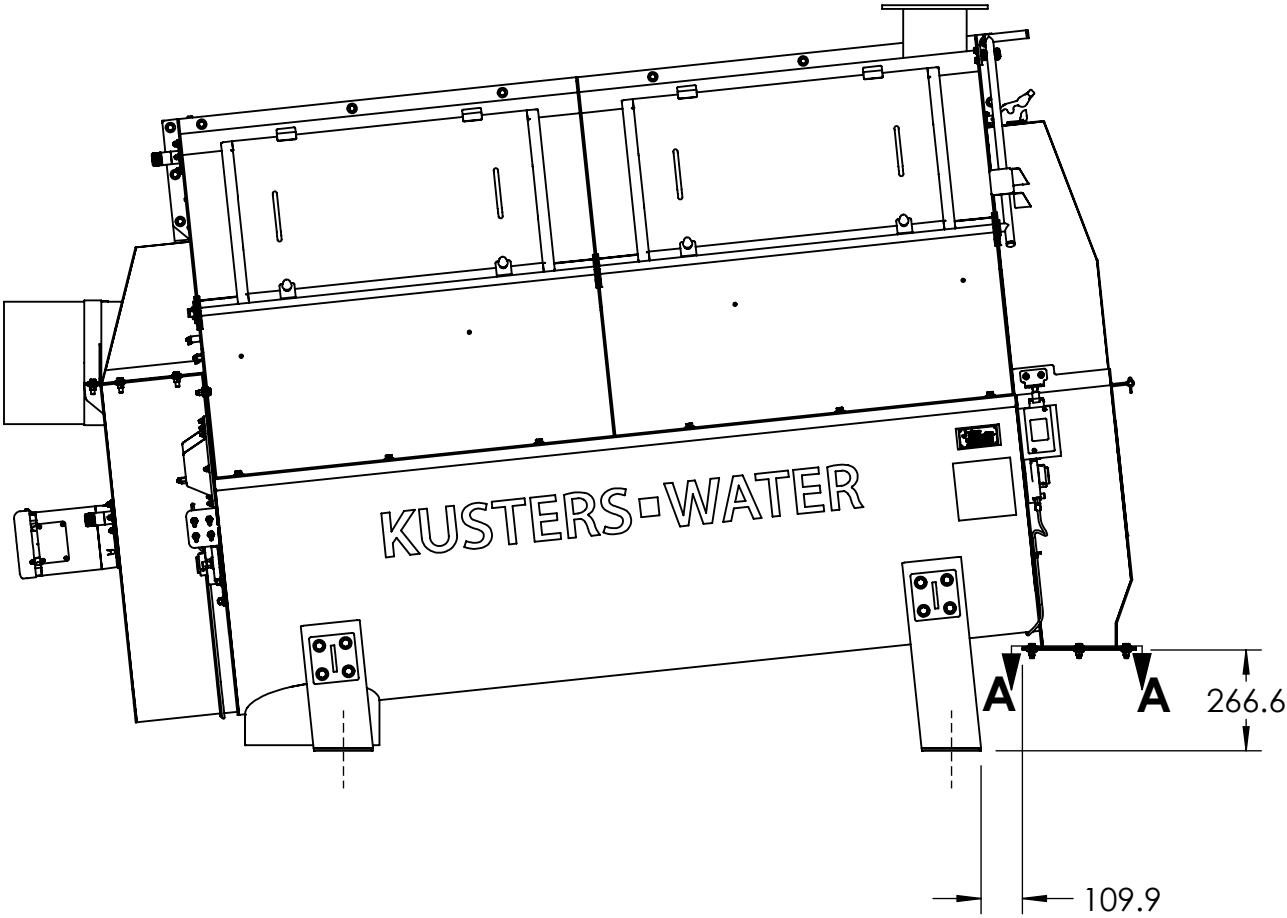
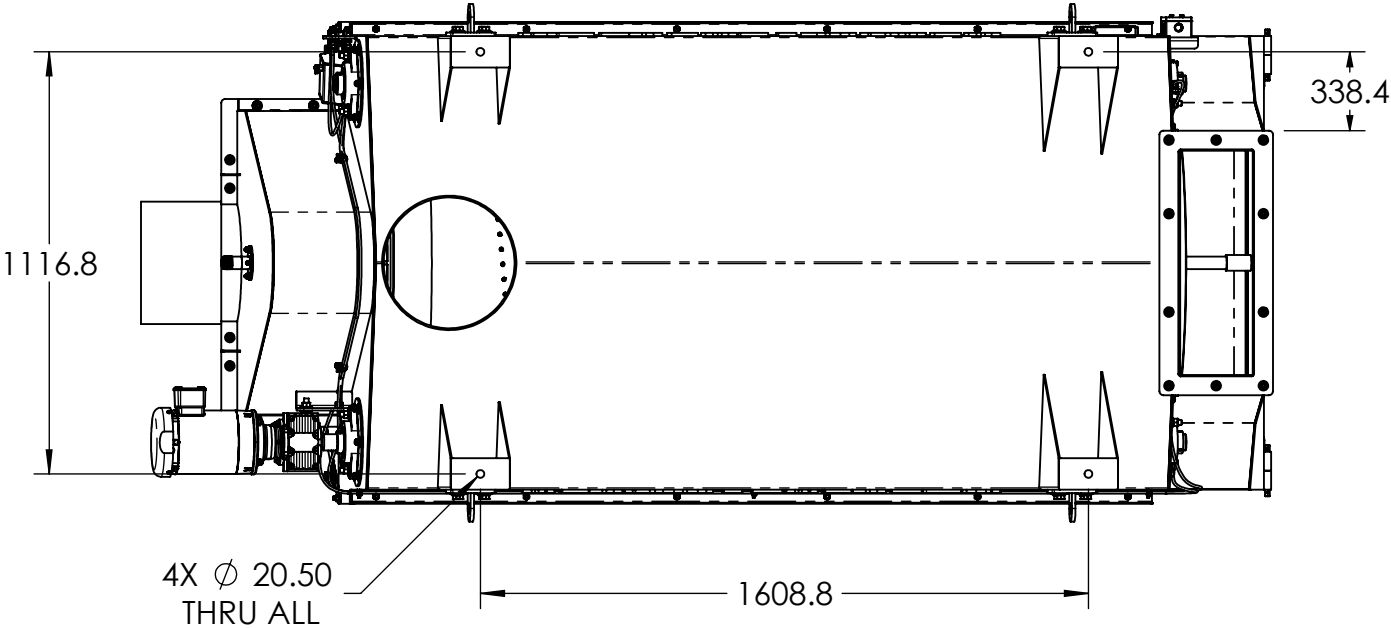
**Company is audited for conformance at regular intervals. To verify certification call (888) NSF-9000 or visit our web site at www.nsf-isr.org*





- NOTES:
1. EQUIPMENT LAYOUT IS FOR A STANDARD UNIT. PLEASE CONFIRM FINAL LAYOUT
 2. WATER SUPPLY REQUIREMENT: MIN. 10 GPM @ 20 PSI PER SCREEN INTERNAL SPRAY BAR, MIN. 10 GPM @ 60 PSI PER SCREEN EXTERNAL SPRAY BAR
 3. ACTUAL EQUIPMENT MAY VARY SLIGHTLY FROM DEPICTED.
 4. ALL PIPING TO SCREEN IS BY OTHERS
 5. VALVES FOR SPRAY BARS TO BE FIELD INSTALLED AND MOUNTED BY OTHERS.

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DRAWN KDT	CHECKED DATE 1/12/26	SHEET 1 OF 1 SCALE 1:12	SIZE D	DWG. NO. SM-93139-1	REV 0



SECTION A-A
SCALE 1 : 8

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UNLESS OTHERWISE SPECIFIED

THIRD ANGLE PROJECTION

MODIFIED SURFACES: 3.2

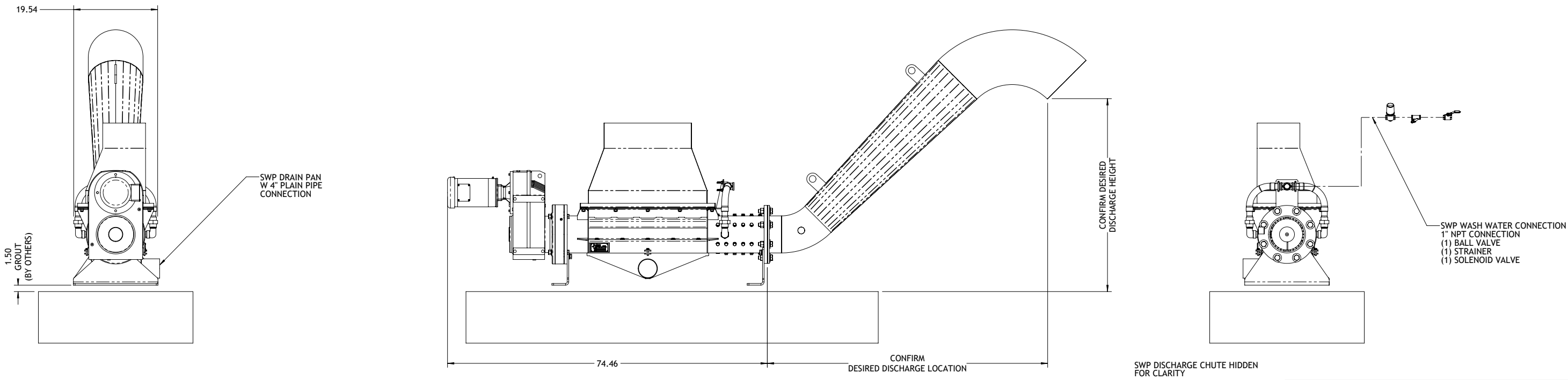
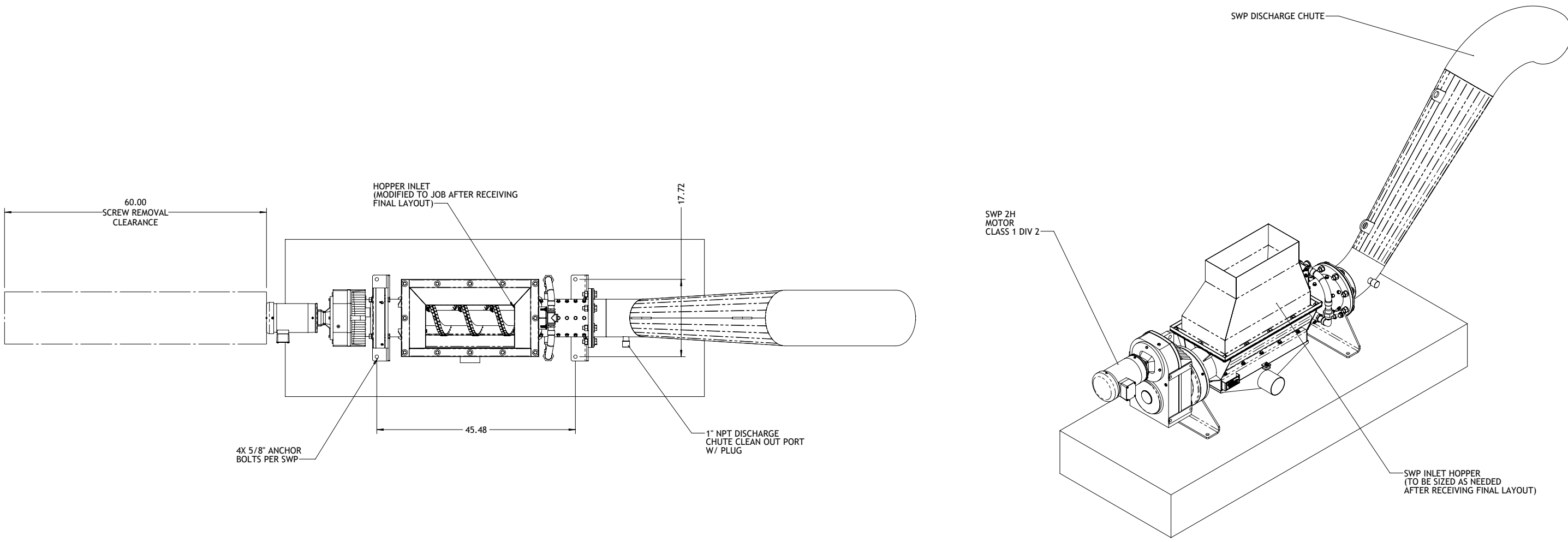
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
ANGULAR: MACH ± 0.1°
ANGULAR: BEND ± 1°
1 PLACE DECIMAL ± 0.8 MM
2 PLACE DECIMAL ± 0.25 MM
3 PLACE DECIMAL ± 0.100 MM



TITLE ROTARY DRUM SCREEN RDS-135, 316
SS, 4MM PERF, BRUSH, NO
OVERFLOW

SCALE 1:20	WEIGHT: 1831.5 LBS. (EST)	SHEET 1 OF 1	MODEL NO. 1004791	PARENT DRAWING 1002297
DRAWN RNF	CHECKED	DATE	SIZE B	DWG. NO. 1004791-DISCHARGE-MOUNT
				REV 0



- NOTES:
- EQUIPMENT LAYOUT IS A STANDARD UNIT. PLEASE CONFIRM SITE DIMENSIONS AND LAYOUT TO ENSURE FIT.
 - WATER SUPPLY REQUIREMENT: MIN. 10 GPM @ 40 PSI PER COMPACTOR..
 - ACTUAL EQUIPMENT MAY VARY SLIGHTLY FROM DEPICTED.
 - WASH WATER PIPING IS BY OTHERS AND IS TO BE FIELD LOCATED AND MOUNTED.

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DRAWN KDT	CHECKED	DATE 1/12/26	SHEET 1 OF 1	SIZE D	DWG. NO. SM-93139-2
					REV 0